

## KOREAN PATENT ABSTRACTS

(11)Publication  
number:

1020040036945

A

(43)Date of publication of application:  
03.05.2004(21)Application  
number: 1020047003852

(22)Date of filing: 06.03.2004

(30)Priority: 14.12.2001 US2001  
020520(71)Applicant: QUALCOMM  
INCORPORATED(72)Inventor: ZOU QIUZHEN  
WILEY GEORGEALAN  
STEELE BRIAN

(51)Int. Cl. H04L 29/06

(54) GENERATING AND IMPLEMENTING A COMMUNICATION PROTOCOL AND INTERFACE  
FOR HIGH DATA RATE SIGNAL TRANSFER

## (57) Abstract:

A data Interface for transferring digital data between a host and a client over a communication path using packet structures linked together to form a communication protocol for communicating a pre-selected set of digital control and presentation data. The signal protocol is used by link controllers configured to generate, transmit, and receive packets forming the communications protocol, and to form digital data into one or more types of data packets, with at least one residing in the host device and being coupled to the client through the communications path. The interface provides a cost-effective, low power, bi-directional, high-speed data transfer mechanism over a short-range serial type data link, which lends itself to implementation with miniature connectors and thin flexible cables which are especially useful in connecting display elements such as wearable micro-displays to portable computers and wireless communication devices.

copyright KIPO &amp; WIPO 2007

Date of request for an examination (00000000)

Notification date of refusal decision ( )

Final disposal of an application (withdrawal)

Date of final disposal of an application (20040920)

Patent registration number ( )

Date of registration ( )

Number of opposition against the grant of a patent ( )

Date of opposition against the grant of a patent ( )

Number of trial against decision to refuse ( )

Date of requesting trial against decision to refuse ( )

Date of extinction of right ( )